

Use of Infrared Spectroscopy to Study the Adsorption of Flotation Reagents, by R. G. Knubovets and B. M. Maslennikov,
RUSSIAN, per, Dok Ak Nauk SSSR, Chem Sec, Vol CLXIV, No 2, 1965, pp 387-389.
CB

Sept 66

309,118

The Subsidius Structure of the four-Component
Systems $MgO - Cr_2O_3 - SiO_2 - MgO - Cr_2O_3 - Al_2O_3$
 TiO_2 and $MgO - Cr_2O_3 - Al_2O_3 - ZrO_2$, by A. S.
Berezhnoi and N. V. Gul'ko,
RUSSIAN, per, Dok Ak Nauk SSSR, Chem Sec, Vol
CLXIV, No 2, 1965, pp 384-386.
CB

Sept 66

309,117

The Radiolytic Product Yields from Water in Acid
Solutions Saturated with Argon Under High Pressure,
by V. N. Shubin and P. I. Dolin,
RUSSIAN, per, Dok Ak Nauk SSSR, Chem Sec, Vol
CLXIV, No 2, 1965, pp 382-383.
CB

Sept 66

310,628

Equilibrium Distribution of an Amino Acid in the
Water - Ion Exchange Resin System, by E. M. Savitskaya
and P. S. Nys, et al,
RUSSAIN, per, Dok Ak Nauk SSSR, Chem Sec, Vol
CLXIV, No 2, 1965, pp 378-381.
CB

Sept 66

310,627

Mechanism of Catalyst Decomposition of Hydroperoxides
Under the Influence of Copper Stearate, by Z. K.
Maizus and I. P. Skibida, et al, 5 p.
RUSSIAN, per, Doklady Akademiya Nauk SSSR, Vol CLXIV,
No 2, 1965, pp 374-377.
ATS-32T90R

Sci-Chem

Jun 66

303,713

Mechanism of the Catalytic Decomposition of Hydroperoxides in the Presence of Copper Stearate, by Z. K. Maizus and I. P. Skibida, et al, RUSSAIN, per, Dok Ak auk SSSR, Chem Sec, Vol CLXIV, No 2, 1965, pp 374-377.
CB

Sept 66

310,626

Spectroscopic Study of the Cold-Flame Radiation
During Nitration of Propane With Nitrogen Dioxide,
by S. A. Gol'din and A. P. Ballod, et al,
RUSSIAN, per, Dok Ak auk SSSR, Chem Sec, Vol
CLXIV, No 2, 1965, pp 371-373.
CB

Sept 66

310,625

Arrangement of the Silver Ions in an AgX Zeolite,
by O. A. Glontin and G. V. Tsitsishvili, et al,
RUSSAIN, per, Dok Ak nauk SSSR, Chem Sec, Vol
CLXIV, No 2, 1965, pp 368-370.
CB

Sept 66

310,624

The Low-Temperature Radiation Polymerization of
Vinyl Chloride in Solid Solutions, by G. N. Gerasimov
and T. M. Sabirova, et al,
RUSSIAN, per, Dok Ak Nauk SSSR, Chem Sec, Vol
CLXIV, No 2, 1965, pp 365-367.
CB

Sept 66

310,623

Radiation-Catalytic Conversion of Methanol, by
V. I. Vladimirova and G. M. Zhabrova, et al,
RUSSIAN, per, Dok Ak Nauk SSSR, Chem Sec, Vol
CLXIV, No 2, 1965, pp 361-364.
CB

Sept 66]

310,622

The Synthesis of Dialkyl Triorganosilyl-
methoxymethyl Phosphinates and Their Hydro-
lytic Stability, by M. F. Orlov and V. P.
Mileshkevich, 5 pp.

RUSSIAN, per, Doklady Akademii Nauk SSSR,
Vol 164, No 2, 1965, pp. 344-346.

JPRS 34199

USSR
Sci-Chem
Mar 66

295,950

Use of a Supervoltage Electron Microscope
to Examine Single-Crystal Whiskers of
Beryllium Oxide, by P. P. Budnikov and
N. M. Popov, et al, 3 p.
RUSSIAN, per, Dok Ak Nauk SSSR, Phys Sec,
Vol CLXIV, No 2, Sept 1965, pp 323-325.

Sov Phys-Dok
Am Inst Phys
Vol X, No 9, Mar 1966

Sci-Phys
Mar 66

Analysis of Wind-Current Relationships in the
Equatorial Zone of the Ocean, by N. B. Shapiro,
RUSSIAN, per, Dok Ak Nauk SSSR, Ear Sci Sec, Vol
CLXIV, No 2, 1965, pp 319-322.
Am Geol Inst

Sci-Ear Sci
May 66

300,686

Theory of Tides in a Fluid with Friction, by L. A.
Sgibneva and A. I. Fel'zenbaum, 3 p.
RUSSIAN, per, Dok Ak Nauk SSSR, Ear Sci Sec, Vol
CLXIV, No 2, 1965, pp 315-318.
Am Geol Inst

Sci-Ear Sci
May 66

300,685

Improving the Efficiency of Ultrasonic
Cutting, by L. D. Rozenberg and V.F. Kaz-
antsev, et al, 3 p.
RUSSIAN, per, Dok Ak Nauk SSSR, Phys Sec
Vol CLXIV, No 2, Sept 1965, pp 311-314.

Sov Phys-Dok
Am Inst Phys
Vol X, No 9, Mar 1966

Sci-Phys
Mar 66

Changes in the Physical Properties of
Metal Compounds During the Transformation
From the Brittle to the Ductile State, by
I. I. Novikov and D. P. Shashkov, 3 p.
RUSSIAN, per, Dok Ak Nauk SSSR, Phys Sec,
Vol CLXIV, No 2, Sept 1965, pp 307-310.

Sov Phys-Dok
Am Inst Phys
Vol X, No 9, Mar 1966

Sci-Phys
Mar 66

Growth of Deformation Twins, by A. A.
Bochvar and Yu. P. Pshenichnov, et al,
3 p.
RUSSIAN, per, Dok Ak Nauk SSSR, Phys Sec,
Vol CLXIV, No 2, Sept 1965, pp 305-306.

Sov Phys-Dok
Am Inst Phys
Vol X, No 9, Mar 1966

Sci-Phys
Mar 66

An Integral Representation for the Two-
Particle Amplitude in the Nonrelativistic
Case, by M. A. Mestvirishvili, 4 p.
RUSSIAN, per, Dk Ak Nauk SSSR, Phys Sec,
Vol CLXIV, No 2, Sept 1965, pp 301-304.

Sov Phys-Dok
Am Inst Phys
Vol X, No 9, Mar 1966

Sci-Phys
Mar 66

A Quasi-One-Particle Approximation in the
Coulomb Many-Particle Problem, by G. L.
Krasko, 3 p.
RUSSIAN, per, Dok Ak Nauk SSSR, Phys Sec,
Vol CLXIV, No 2, Sept 1965, pp 298-300.

Sov Phys-Dok
Am Inst Phys
Vol X, No 9, Mar 1966

Sci-Phys
Mar 66

Some Plane Thermoelasticity Problems
Concerning Periodic Thermal Action, by
B. G. Korenev, 3 p.
RUSSIAN, per, Dok Ak Nauk SSSR, Phys Sec,
Vol CLXIV, No 2, Sept 1965, pp 294--297.

Sov Phhs-Dok
Am Inst Phys
Vol X, No 9, Mar 1966

Sci-Phys
Mar 66

Two-Dimensional Potential Flow with
Stationary Streamlines, by V. A. Suchkov,
2 p.

RUSSIAN, per, Dok Ak Nauk SSSR, Phys Sec,
Vol CLXIV, No 2, Sept 1965, pp 292-293.

Sov Phys-Dok
Am Inst Phys
Vol X, No 9, Mar 1966

Sci-Phys
Mar 66

Test for Representability of Events in
Finite Probability Automata, by R. G.
Dukharayev, 6 pp.
RUSSIAN, per, Doklady Akademii Nauk SSSR,
Vol 164, No 2, 1965, pp. 289-291.
JPRS 32940

USSR
Sci-Misc
Dec 65

292,303

Criteria for Representability of Events in
Finite Probabilistic Automata, by R. G. Buk-
haraev, 2 p.

RUSSIAN, per, Dok Ak Nauk SSSR, Phys Sec,
Vol CLXIV, No 2, Sept 1965, pp 289-291.

Sov Phys-Dok
Am Inst Phys
Vol X, No 9, Mar 1966

Sci-Phys
Mar 66

Some Asymptotic Properties of Orthogonal
Polynomials in a Complex Region, by P. K.
Suetin, 4 p.
RUSSIAN, per, Dok Ak Nauk SSSR, Math Sec,
Vol CLXIV, No 2, 1965, pp 285-288.

Sov Math-Dok
Am Math Soc
Vol VI, No 5, Sept/Oct 1965

Sci-Math
Mar 66

Optimal Mechanical Cubature Formulas with
Interpolation Points on a Regular Grid, by
S. L. Sobolev, 4 p.

RUSSIAN, per, Dok Ak Nauk SSSR, Math Sec,
Vol CLXIV, No 2, 1965, pp 281-284.

Sov Math-Dok
Am Math Soc
Vol VI, No 5, Sept/Oct 1965

Sci-Math
Mar 66

A General Scheme of Solution of Boundary
Value Problems in the Space of Generalized
Functions, by V. S. Rogozin, 5 p.
RUSSIAN, per, Dok Ak Nauk SSSR, Math Sec,
Vol CLXIV, No 2, 1965, pp 277-280.

Sov Math-Dok
Am Math Soc
Vol VI, No 5, Sept/Oct 1965

Sci-Math
Mar 66

Uniqueness and Approximation Theorems for
a Local Laplace Transformation, by Ju. I.
Ljubic and V. A. Tkacenko, 5 p.
RUSSIAN, per, Dok Ak Nauk SSSR, Math Sec,
Vol CLXIV, No 2, 1965, pp 273-276.

Sov Math-Dok
Am Math Soc
Vol VI, No 5, Sept/Oct 1965

Sci-Math
Mar 66

Some Criteria for nonoscillation and
Boundedness of Solutions of Linear Differential
Equations, by Ju. V. Komlenko, 4 p.
RUSSIAN, per, Dok Ak Nauk SSSR, Math Sec,
Vol CLXIV, No 2, 1965, pp 270-272.

SovMath-Dok
Am Math Soc
Vol VI, No 5, Sept/Oct 1965

Sci-Math
Mar 66

The Structure of the Complete Class of
Unbiased estimates for Families of Dist-
ributions of a Special Type, by A.M. Kagen
and V. N. Sudakov, 3 p.
RUSSIAN, per, Dok Ak Nauk SSSR, Math Sec,
Vol CLXIV, No 2, 1965, pp 267-269.

Sov Math-Dok
Am Math Soc
Vol VI, No 5, Sept/Oct 1965

Sci-Math
Mar 66

Frequency Conditions for Absolute Stability
of Sampled-data Automatic Control Systems
with One Nonlinear Element, by JU. A.
Dmitriev, 4 p.

RUSSIAN, per, Dok Ak Nauk SSSR, Math Sec,
Vol CLXIV, No 2, 1965, pp 263-266.

Sov Math-Dok
Am Math Soc
Vol VI, No 5, Sept/Oct 1965

Sci-Math
Mar 66

Structural Orderability of Algebras and
Rings, by A. I. Veksler, 4 p.
RUSSIAN, per, Dok Ak Nauk SSSR, Math Sec,
Vol XLIV, No 2, 1965, pp 259-262.

Sov Math-Dok
Am Math Soc
Vol VI, No 5, Sept/Oct 1965

Sci-Math
Mar 66

Approximation of Stepanov's Almost Periodic
Function, by E. A. Bredihina, 5 p.
RUSSIAN, per, Dok Ak Nauk SSSR, Math Sec ,
Vol CLXIV, No 2, 1965, pp 255-258,

Sov Math-Dok
Am Math Soc
Vol VI, No 5, Sept/Oct 1965

Sci-Math
Mar 66

The Interpolation Preocess of S. N. Bernstein in the Complex Domain, by D. L. Berman,
4 p.

RUSSIAN, per, Dok Ak Nauk SSSR, Math Sec,
Vol CLXIV, No 2, 1965, pp 251-254.

Sov Math-dk
Am Math Soc
Vol VI, No 5, Sept/Oct 1965

Sci-Math
Mat 66

Behavior of Metrizable Under Factor
Mappings, by A. Arhangel'skii, 4 p.
RUSSIAN, per, Dok Ak Nauk SSSR, Math Sec,
Vol CLXIV, No 2, 1965, pp 247-250.

Sov Math-Dok
Am Math Soc
Vol VI, No 5, Sept/Oct 1965

Sci-Math
Mar 66

Role of Anticodons of Transport RNA in Reaction
with Aminoacyl-RNA Symthetase, by L. Yu. Fro-
lova and L. L. Kiselev, et a,
RUSSIAN, per, Dok Ak Nauk SSSR, Biochem Sec,
Vol CLXIV, No 1, 1965, pp 212-215.
CB

Oct 66

313, ~~XNA~~ 019

Interdependence of Synthesis and Transport of
RNA in Cells, by V. V. Terskikh and M. L.
Lerman, et al,
RUSSIAN, per, Dok Ak Nauk SSSR, Biochem Sec.
Vol CLXIV, No1, 1965, pp 208-211.
CB

Oct 66

313,018

Activation of Auxin Oxides by Purification on
Sephadex G-75 Gel, by N. N. Dmitrieva and
T. A. Krupnikova,
RUSSIAN, per, Dok Ak Nauk SSSR, Biochem Sec,
Vol CLXIV, No 1, 1965, pp 205-207.
CB

Oct 66

313,017

Structure of Products of Photo-Oxidation of
Porphyrins, by I. F. Gurinovich and G. P.
Gurinovich, et al,
RUSSIAN, per, Dok Ak Nauk SSSR, Biochem Sec,
Vol ~~EE~~ CLXIV, No 1, 1965, pp 201-204.
CB

Oct 66

313,016

Mineral Composition Specific to the Lower Carboniferous Terrigenous Rock Detritus of the Ural-Volga Region, by Ye. T. Gerasimova and N. G. Iatypov, 3 p. RUSSIAN, per, Dok Ak Nauk SSSR, Ear Sci Sec, Vol CLXIV, No 1, 1965, pp 183-186.

Am Geol Inst

Sci-Ear Sci
May 66

301,234

Hypersthene-Sillimanite Paragenesis and Its Petrologic Implication, by A. A. Marakushev and V. A. Kudryavtev, 4 p.
RUSSIAN, per, Dok Ak Nauk SSSR, Ear Sci Sec, Vol CLXIV, No 1, 1965, pp 179-182.

Am Geol Inst

Sci-Ear Sci
May 66

301,229

Carnallite in Rock Salt From Cambrian Sediments of
the Siberian Platform, by T. M. Zharkova, 2 p.
RUSSIAN, per, Dok Ak Nauk SSSR, Ear Sci Sec, Vol
CLXIV, No 1, 1965, pp 177-178.

Am Geol Inst

Sci-Ear Sci
May 66

301,228

Patterns of Vertical Variation in the Ore Norm
of the Talnakh Deposit, by I. N. Goryainov , 2 p.
RUSSIAN, per, Dok Ak Nauk SSSR, Ear Sci Sec, Vol
CLXIV, No 1, 1965, pp 174-176.

Am Geol Inst

Sci-Ear Sci
May 66

301,227

New Finds of Frolovite and Pentahydroborite, by
A. Ye. Listsyn and S. V. Malinko, et al, 3 p.
RUSSIAN, per, Bok Ak Nauk SSSR, Ear Sci Sec, Vol
CLXIV, No 1, 1965, pp 171-173.

Am Geol Inst

Sci-Ear Sci
May 66

301,220

A New Assemblage of Ammonites in Permian Sediments
of the Pamirs, by A. M. Pavlov, 3 p.
RUSSIAN, per, Dok Ak Nauk SSSR, Ear Sci Sec, Vol
CLXIV, No 1, 1965, pp 168-170.

Am Geol Inst

Sci-Ear Sci
May 66

300,695

The Density of Joints as a Measure of Stress, by
L. D. Knoring, 4 p.
RUSSIAN, per, Dok Ak Nauk SSSR, Ear Sci Sec, Vol
CLXIV, No 1, 1965, pp 164-167.

Am Geol Inst

Sci-Ear Sci
May 66

300,694

Discovery of the Middle Triassic in the Taurian
Suite of the Crimea, by A. S. Dągis and V. N. Shvanov
2 p.

RUSSIAN, per, Dok Ak Nauk SSSR, Ear Sci Sec, Vol
CLXIV, No 1, 1965, pp 161-163.

Am Geol Inst

Sci-Ear Sci
May 66

300,693

Stratification Theory, by A. B. Vistelius and
T. S. Feygel'son, 3 p.
RUSSIAN, per, Dok Ak Nauk SSSR, Ear Sci Sec, Vol
CLXIV, No 1, 1965, pp 158-160.

Am Geol Inst

Sci-Ear Sci
May 66

300,692

Cretaceous-Paleogene Boundary in the South of the
Zaunguz Trough (Eastern Turkmenia), by M. T. Avan-
esyan and V. D. Il'in, et al, 3 p.

RUSSIAN, per, Dok Ak Nauk SSSR, Ear Sci Sec, Vol
CLXIV, No 1, 1965, pp 155-157.

Am Geol Inst

Sci-Ear Sci

May 66

300,691

A Long, Partly Passive Electrode in a Tube and
Its Effects in Current Stabilization, by M. N.
Fokin and V. A. Timonin,
RUSSIAN, per, Dok Ak Nauk SSSR, Chem Sec, Vol
CLXIV, No 1, 1965, pp 150-153.
CB

Sept 66

309,116

Dynamics of Vapor Sorption in the Stationary
Wave Regime, by Yu. S. Lezin,
RUSSIAN, per, Dok Ak Nauk SSSR, Chem Sec, Vol
CLXIV, No 1, 1965, pp 147-149.

CB

Sept 66

309,115

Study of Selective Oxidation Dehydrogenation by a
Pulsed Chromatographic Method, by S. Z. Roginskiy
and R. A. Zimin, et al,
RUSSIAN, per, Dok Ak Nauk SSSR, Chem Sec, Vol
CLXIV, No 1, 1965, pp 144-146.
CB

Sept 66

310,621

Migration of Radicals in Solids, by A. I. Mikhailov
and I. S. Gaponova, et al,
RUSSIAN, per, Dok Ak Nauk SSSR, Chem Sec, Vol
CLXIV, No 1, 1965, pp 140-143.
CB

Sept 66

310,620

The Influence of the Rate of Cooling During Crystallization on ~~Кристаллизация~~ Liquation Microinhomogeneity and Composition of Solid Solutions in Al - Mg Alloys, by I. S. Miroshnichenko, RUSSIAN, per, Dok Ak Nauk SSSR, Chem Sec, Vol CLXIV, No 1, 1965, pp 137-139.
CB

Sept 66

310,619

Complex Investigation of the Structure of Certain
Natural Dispersed Systems with an "Elastic" Skeleton,
by V. I. Klyayev and N. N. Gryazev, et al,
RUSSIAN, per, Dok Ak Nauk SSSR, Chem Sec, Vol
CLXIV, No 1, 1965, pp 134-136.
CB

Sept 66

310,618

The Mechanism of Gel Formation in Gelatin Solutions,
by V. N. Izmailova and V. A. Pchelina, et al,
RUSSIAN, per, Dok Ak Nauk SSSR, Chem Sec, Vol
CLXIV, No 1, 1965, pp 131-133.
CB

Sept 66

310,617

Reactions of Thermal Electrons in Frozen Aqueous
Solutions, by L. T. Bugaenko and V. N. Belevskiy,
RUSSIAN, per, Dok Ak Nauk SSSR, Chem Sec, Vol
CLXIV, No 1, 1965, pp 127-130.
CB

Sept 66

310,616

Instability of a Liquid Surface Along Which Detonation
and Shock Waves are Sliding, by A. A. Borisov and
S. M. Kogarko, et al,
RUSSIAN, per, Dok Ak Nauk SSR, Chem Sec, Vol
CLXIV, No 1, 1965, pp 125-126,
CB

Sept 66

310,615

Effect of Illumination on the Adsorption Capacity
of Some Oxides, by L. L. Basov and Yu. P. Solonitsyn,
et al,
RUSSIAN, per, Dok Ak Nauk SSSR, Chem Sec, Vol
CLXIV, No 1, 1965, pp 122-124.
CB

Sci-Chem
Sept 66

310,614

Crystal Structure of Inderborite, by
E. N. Kurkutova and I. M. Rumanova, et al,
3 p.
RUSSIAN, per, Dok Ak Nauk SSSR, Phys Sec,
Vol CLXIV, No 1, Sept 1965, pp 90-93.

Sov Phys-Dok
Am Inst Phys
Vol X, No 9, Mar 1966

Sci-Phys
Mar 66

Effect of an Ultrasonic Field on the Strength
of Metals and alloys in the Presence of a
Liquid-Metal Medium, by P.D. Novokreshchenov,
and V. P. Ryazanskii, 3 p.

RUSSIAN, per, Dok Ak Nauk SSSR, Phys Sec,
Vol CLXIV, No 1, Sept 1965, pp 86-89.

Sov Phys-Dok
Am Inst Phys
Vol X, No 9, Mar 1966

Sci-Phys
Mar 66

Structure Change in Spheroidal Graphite
During Thermal Cycling of Cast Iron, by
A. A. Baranov and K. P. Bunin, et al, 2 p.
RUSSIAN, per, Dok Ak Nauk SSSR, Phys Sec.
Vol CLXIV, No 1, Sept 1965, pp 84.

Sov Phys-Dok
Am Inst Phys
Vol X, No 9, Mar 1966

Sci-Phys
Mar 66

A Similarity Parameter in the Theory of
Plasma Flow, by A. L. Morozov and L. S.
Solov'ev, 3 p.
RUSSIAN, per, Dok Ak Nauk SSSR, Phys Sec,
Vol CLXIV, No 1, Sept 1965, pp 80-83.

Sov Phys-Dok
Am Inst Phys
Vol X, No 9, Mar 1966

Sci-Phys
Mar 66

Continuous Operation of a GaAs Injection
Laser Cooled by a Flow of Gaseous Helium,
by M.N. Zargar'yants and A. A. Kiselev, et
al, 2 p.

RUSSIAN, per, Dok Ak Nauk SSSR, Phys Sec,
Vol CLXIV, No 1, Sept 1965, pp 78-79.

Sov Phsy-Dok
Am Inst Phys
Vol X, No 9, Mar 1966

Sci-Phys
Mar 66

70-13390-20E

Gorbunkov, V. M.; Korobkin, V. V.; Leontovich, A. M.
ILLUMINATION OF THE BUBBLE CHAMBER WITH THE
AID OF AN OPTICAL RUBY GENERATOR (LASER).
Akademiya Nauk SSSR. Doklady, v. 164, p. 75-77, 1965.
BNL-TR-53.

Order from NTC as 70-13390-20E: HC \$ 6.70, MF \$ 5.50.

*for Phys - Doklady
Am. Inst. Phys
Vol 10, no 9, March
PLA TT-66-11007*

Cadmium Telluride Laser with Electron
Excitation, by V. S. Vavilov and E. L.
Nolle, 2 p.
RUSSIAN, per, Dok Ak Nauk SSSR, Phys Sec,
Vol CLXIV, No 1, Sept 1965, pp 73-74.

Sov Phys-Dok
Am Inst Phys
Vol X, No 9, Mar 1966

Sci-Phys
Mar 66

Solution of the Dirichlet Problem for a
Finite Wedge by Means of Special Integral
Transforms Using Bessel Functions, by
Ya. S. Uflyand and E. A. Yushkova, 3 p.
RUSSIAN, per, Dok Ak Nauk SSSR, Phys Sec,
Vol CLXIV, No 1, Sept 1965, pp 70-72.

Sov Phys-Dok
Am Inst Phys
Vol X, No 9, Mar 1966

Sci-Phys
Mar 66

Laws of the Development and Stabilization
of Aerodynamic Perturbations, by V. V.
Struminskii, 4 p.
RUSSIAN, per, Dok Ak Nauk SSSR, Phys Sec,
Vol CLXIV, No 1, 1965, pp 66-69.

Sov Phys-Dok
Am Inst Phys
Vol X, No 9, Mar 1966

Sci-Phys
Mar 66

On the Trace of a Differential Operator,
by R. F. Sevchenko, 4 p.
RUSSIAN, per, Dok Ak Nauk SSSR, Math Sec,
Vol CLXIV, No 1, 1965, pp 62-65.

Sov Math-Dok
Am Math Sov
Vol VI, No 5, Spet/Oct 1965

Sci-Math
Mar 66

Parametric Resonance of Elastic Systems
with Distributed Parameters, by V.N. Fomin,
4 p,
RUSSIAN, per, Dok Ak Nauk SSSR, Math Sec,
Vol CLXIV, No 1, 1965, pp 58-61.

Sov Math-Dok
Am Math Soc
Vol VI, No 5, Spet/Oct 1965

Sci-Math
Mar 66

A Difference Analogue of the Polyharmonic
Equation, by S. L. Sobolev, 5 p.
RUSSIAN, per, Dok Ak Nauk SSSR, Math Sec,
Vol CLXIV, No 1, 1965, pp 54-57.

Sov Math-Dok
Am Math Soc
Vol VI, No 5, Spet/Oct 1965

Sci-Math
Mar 66

Best Approximation of the Functions
 $(x - c)^{\frac{1}{q}} - 1 / x - c/l \downarrow a$ by Poly-
nomials in the $L_q(-1, 1)$ ($q \geq 1$)
Space Metric, by R. A. Raicin, 3 p.
RUSSIAN, per, Dok Ak Nauk SSSR, Math Sec,
Vol CLXIV, No 1, 1965, pp 51-53.

Sov Math-Dok
Am Math Soc
Vol VI, No 5, Sept/Oct 1965

Sci-Math
Mar 66

Singular Integral Operators on a Group,
by B. A. Flamenevskii, 5 p.
RUSSIAN, per, Dok Ak Nauk SSSR, Math Sec,
Vol CLXIV, No 1, 1965, pp 47-50.

Sov Math-Dok
Am Math Soc
Vol VI, No 5, Sept/Oct 1965

Sci-Math
Mar 66

Representation of an Arbitrary Analytic
Function by Special Series, by V.H. Muso-
jan, 4 p.

RUSSIAN, per, Dok Ak Nauk SSSR, Math Sec,
Vol CLXIV, No 1, 1965, pp 43-46.

Sov Math-Dok
Am Math Soc
Vol VI, No 5, Sept/Oct 1965

Sci-Math
Mar 66

Representation of Arbitrary Functions by
Dirichlet Series, by A. F. Leont'ev, 3 p.
RUSSIAN, per, Dok Ak Nauk SSSR, Math Sec,
Vol CLXIV, No 1, 1965, pp 40-42.

Sov Math-Dok
Am Math Soc
Vol VI, No 5, Sept/Oct 1965

Sci-Math
Mar 66

Quasianalytic Classes of Functions in a
Circle, by B. I. Korenbljum, 4 p.
RUSSIAN, per, Dok Ak Nauk SSSR, Math Sec,
Vol CLXIV, No 1, 1965, pp 36-39.

Sov Math-Dok
Am Math Soc
Vol VI, No 5, Sept/Oct 1965

Sci-Math
Mar 66

Certain Invariants of the Group of Triangle-
unit Matrices in a Space Adjoint to the
Space of Its Lie Algebra, by I. A. Zigulin,
4 p,
RUSSIAN, per, Dok Ak Nauk SSSR, Math Sec,
Vol CLXIV, No 1, 1965, pp 32-35.

Sov Math-Dok
Am Math Soc
Vol VI, No 5, Sept/Oct 1965

Sci-Math
Mar 66

Frequency Conditions for the Dissipativity
and for the Existence of Periodic Solutions
in Sampled-Data Systems with One Nonlinear
Block, by Ju. A. Dmitriev, 4 p.
RUSSIAN, per, Dok Ak Nauk SSSR, Math Sec,
Vol CLXIV, No 1, 1965, pp 28-31.

Sov Math-Dok
Am Math Soc
Vol VI, No 5, Sept/Oct 1965

Sci-Math
Mar 66

On the Direct and Inverse Imbedding
Theorems of Weight Spaces, by A. D.
Dzabrailov, 5 p.
RUSSIAN, per, Dok Ak Nauk SSSR, Math Sec,
Vol CLXIV, No 1, 1965, pp 24-27.

Sov Math-Dok
Am Math Soc
Vol VI, No 5, Sept/Oct 1965

Sci-Math
Mar 66

The Stability of the Net Method for
Elliptic Problems, by JU. K. Dem'jan-
ovic, 4 p.
RUSSIAN, per, Dok Ak Nauk SSSR, Math Sec,
Vol CLXIV, No 1, 1965, pp 20-23.

Sov Math-Dok
Am Math Soc
Vol VI, No 5, Sept/Oct 1965

Sci-Math
Mar 66

A Statistical Problem of Optimal Control
of a Linear System, by R. Gabasov and
F. M. Kirillova, 4 p.
RUSSIAN, Per, Dok Ak Nauk SSSR, Math Sec,
Vol CLXIV, No 1, 1965, pp 16-19.

Sov Math-Dok
Am Math Soc
Vol VI, No 5, Sept/Oct 1965

Sci-Math
Mar 66

Local Density Minima of a Lattice Covering
of a Four-dimensional Euclidean Space by
Equal Spheres, by E. P. Beranovskii, 3 p.
RUSSIAN, per, Dok Ak Nauk SSSR, Math Sec,
Vol CLXIV, No 1, 1965, pp 13-15.

Sov Math-Dok
Am Math Soc
Vol VI, No 5, Sept/Oct 1965

Sci-Math
Mar 66

A Condition for Preservation of Metriz-
ability Under Quotient Mappings, by A.
Arhangel'skii, 4 p.
RUSSIAN, per, Dok Ak Nauk SSSR, Math Sec,
Vol CLXIV, No 1, 1965, pp 9-12.

Sov Math-Dok
Am Math Soc
Vol VI, No 5, Sept/Oct 1965

Sci-Math
Mar 66

Effect of 2,4-Diamino-5-Chlorophenyl-6-Ethylprimidine
on the Embryonic Developemnt of Rats, by A. P.
Dyban and I. M. Akimova, et al,
RUSSIAN, per, Dok Ak Nauk SSSR, Biological Sec ,
Vol CLXIII, No 6, 1965, pp 1514-1517.
CB

Sci-B&M
Jul 66

305,736

Isolation of Nuclear Nucleoproteins Containing
Messenger Ribonucleic Acid, by O. P. Samarina
and I. S. Asriyan, et al, 3 p.

RUSSIAN, per, Dok Ak Nauk SSSR, Biochem Sec,
Vol CLXIII, No 6, 1965, pp 1510-1513.

CB

Sci-B&M
May 66

Acid and Neutral Liver γ -Amylases, by
E. L. Rozenfel'd and I. A. Popova, et al,
RUSSIAN, per, Dok Ak Nauk SSSR, Biochem Sec,
Vol CLXIII, No 6, 1965, pp 1507-1509.
CB

Sci-B&M
May 66

Relations of "Transport" Adenosinetriphosphatase
to Phosphoprotein Metabolism in Rabbit Cerebral
Cortex Cells, by N. P. Lisovskaya, 3 p.
RUSSIAN, per, Dok Ak Nauk SSSR, Biochem Sec,
Vol CLXIII, No 6, 1965, pp 1503-1506.
CB

Sci-B&M
Mya 66

Conformational Changes in Molecules in
Solutions of Wheat Mosaic Virus Antigen, by
I. G. Atabekov and G. A. Popova, et al,
4 p.

RUSSIAN, per, Dok Ak Nauk SSSR, Biochem Sec,
Vol CLXIII, No 6, 1965, pp 1499-1502.

CB

Sci-B&M
May 66

The Production of Melosira in Lake Baikal, by
K. K. Votintsev and G. I. Popovskaya,
RUSSIAN, per, Dok Ak Nauk SSSR, Biological Sec,
Vol CLXIII, No 6, 1965, pp 1491-1494.
CB

Sci-B&M
Jul 66

305,745

Cross Transformation of Mutant T4 Phages, by
I. Rubinkas and S. I. Alikhanyan,
RUSSIAN, per, Dok Ak Nauk SSSR, Biological Sec.,
Vol CLXIII, No 6, 1965, pp 1487-1490.
CB

Sci-B&M
Jul 66

305,742

The Inhibiting Action of D,L-Hexafluorvaline
on the Growth of HeLa Cells, by G. A. Galegov
and M. S. Benyumovich,
RUSSIAN, per, Dok Ak Nauk SSSR, Biological Sec.
Vol CLXIII, No 6, 1965, pp 1484-1486.
CB

Sci-B&M
Jul 66

305,730

Vertical Motion of Waters in the Northern
Tropical and Equatorial Zones of the Pacific
Ocean, by R. R. Belevich, 5 pp.
RUSSIAN, per, Doklady Akademii nauk SSSR,
Vol 163, No 6, 21 Aug 1965, pp. 1431-1433.
JPRS 33344

USSR
Sci-ES/A
Jan 66

293,604

Vertical Water Motion in the North Tropical
And Equatorial Zones of the Pacific Ocean, by
R.R. Belevich, 3 p.
RUSSIAN, per, Dok Ak Nauk SSSR, Ear Sci Sec,
Vol CLXIII, No 6, 1965, pp 1481-1483.
Am Geol Inst

Sci-Ear Sci
Apr 66

Interstitial Waters of Arctic Ocean Sediments,
by, N.V. Tageyeva, 3 p.
RUSSIAN, per, Dok Ak Nauk SSSR, Ear Sci Sec,
Vol CLXIII, No 6, 1965, pp 1477-1479.
Am Geol Inst

Sci-Ear Sci
Apr 66

Origin of Alkalic Rocks of Northeastern
Tuva, by V.I. Kovalenko and E.I. Popolitov,
3 p.
RUSSIAN, per, Dok Ak Nak SSSR, Ear Sci Sec,
Vol CLXIII, No 6, 1965, pp 1474-1476.
Am Geol Inst

Sci-Ear Sci
Apr 66

Effect of River Discharge on the Chemical
Composition of Shore-Zone Water of Lake
Issyk-Kul, by V. Kadyrov, 4 p.
RUSSIAN, per, Dok Ak Nauk SSSR, Ear Sci Sec,
Vol CLXIII, No 6, 1965, pp 1470-1473.
Am Geol Inst

Sci-Ear Sci
Apr 66

Zoning and Genesis of Sandine phenocrysts
in Hypabyssal Rocks, by Ye.O. Gurov and
Ye.P. Gurova, 3 p.
RUSSIAN, per, Dok Ak Nauk SSSR, Ear Sci Sec,
Vol CLXIII, No 6, 1965, pp 1467-1469.
Am Geol Inst

Sci-Ear Sci
Apr 66

An UnusalType of Artesian Basin in the
Bedrock Zone of Permafrost, by O. Tol-
stikhin, 3 p.
RUSSIAN, per, Dk Ak Nauk SSSR, Ear Sci Sec,
Vol CLXIII, No 6, 1965, pp 1463-1466.
Am Geol Inst

Sci-Ear Sci
Apr 66

More Facts on teh Paleogene of teh Central
Koryak Mountains, by N.N. Nagol'skiy, 3 p.
RUSSIAN, per, Dok Ak Nauk SSSR, Ear Sci Sec,
Vol CLXIII, No 6, 1965, pp 1459-1462.
Am Geol Inst

Ear Sci
Apr 66

Geologic Evolution of teh Donets and
Certain Aspects of its Metallogeny, by
I.L. Nikol'skiy and N.V. Buturlinov, 3 p.
RUSSIAN, per, Dok Ak Nauk SSSR, Ear Sci Sec ,
Vol CLXIII, No 6, 1965, pp 1455-1458.
Am Geol Inst

Sci-Ear Sci
Apr 66